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- Arthur, J. C.** Uredinales of Guatemala based on collections by E. W. D. Holway—IV. *Puccinia* on Carduaceae, form-genera and index. *Am. Jour. Bot.* **5**: 522-550. D 1918.
Includes new species in *Puccinia* (9), *Uredo* (4) and *Aecidium* (1).
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- Buchanan, R. E.** Studies in the classification and nomenclature of the bacteria—VIII. The subgroups and genera of the Actinomycetales. *Jour. Bact.* **3**: 403-406. J1 1918.—IX. The subgroups and genera of the Thiobacteriales. *Jour. Bact.* **3**: 461-474. S 1918.
- Burnham, S. H.** Charles Horton Peck. *Mycologia* **11**: 33-39. *f. 1.* 21 D 1918.
- Burt, E. A.** The Thelephoraceae of North America—X. *Hymenochaete*. *Ann. Missouri Bot. Gard.* **5**: 301-370. *pl.* 16, 17 + *f.* 1-32. N 1918.
- Carsner, E.** Angular-leaf-spot of cucumber: dissemination, overwintering and control. *Jour. Agr. Research* **15**: 201-220. *pl.* 13-16 + *f.* 1-3. 21 O 1918.
- Chapman, G. H.** Mosaic disease of tobacco. Massachusetts Agr. Exp. Sta. Bull. 175: 73-117. *pl.* 1-5. My 1917.
- Colón, E. D.** La enfermedad de las rayas. Hechos establecidos y deducciones practicas. Puerto Rico Dep. Agr. Circ. 14: 1-8. 1918. [Illust.]
- Dosdall, L.** Overwintering of the aecio spores of *Cronartium ribicola* Fisher. *Phytopathology* **8**: 619. D 1918.
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- Elliott, J. A.** Storage rots of sweet potatoes. Arkansas Agr. Exp. Sta. Bul. 144: 1-15. *pl.* 1-4. My 1918.

- Elliott, J. A.** Wood-rots of peach trees caused by *Coriulus prolificans* and *C. versicolor*. *Phytopathology* 8: 615-617. *f.* 1, 2. D 1918.
- Fox, A.** Nut-fall and leaf-droop of cocoanut palus in Cuba. *Cuba Rev.* 17: 12-15. D 1918. [Illust.]
- Freeman, E. M.** The story of the black stem rust of grain and the barberry. *Minnesota Agr. Ext. Dis. Bull.* 27: 1-8. *f.* 1-5. Ap 1918.
- Gardner, N. L.** New Pacific coast marine algae—III. *Univ. Calif. Publ. Bot.* 6: 455-486. *pl.* 38-41. 3 D 1918.
Includes new species in *Placoma* (1), *Dermocarpha* (2), *Xenococcus* (3), *Pleurocapsa* (2), *Arthrospira* (1), *Phormidium* (1), *Symploca* (2), *Microcoleus* (2), *Colothrix* (2), *Dichothrix* (2), *Rivularia* (1), and *Brachytrichia* (1).
- Gardner, M. W.** Anthracnose of cucurbits. *U. S. Dept. Agr. Bull.* 727: 1-68. *pl.* 1-8 + *f.* 1-15. 18 D 1918.
- Graves, A. H.** Resistance in the American chestnut to the bark disease. *Science* II. 48: 652, 653. 27 D 1918.
- Gustafson, F. G.** Comparative studies on respiration—II. The effect of anesthetics and other substances on the respiration of *Aspergillus niger*. *Jour. Genl. Physiol.* 1: 181-191. *f.* 1-5. N 1918.
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- Hoffer, G. N., & Holbert, J. R.** Selection of disease-free seed corn. *Purdue Agr. Exp. Sta. Bull.* 224: 1-16. *f.* 1-20. S 1918.
- Kezer, A., & Sackett, W. G.** Beans in Colorado and their diseases. *Colorado Agr. Exp. Sta. Bull.* 234: 1-32. *f.* 1-6. Mr 1918. [Illus.]
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